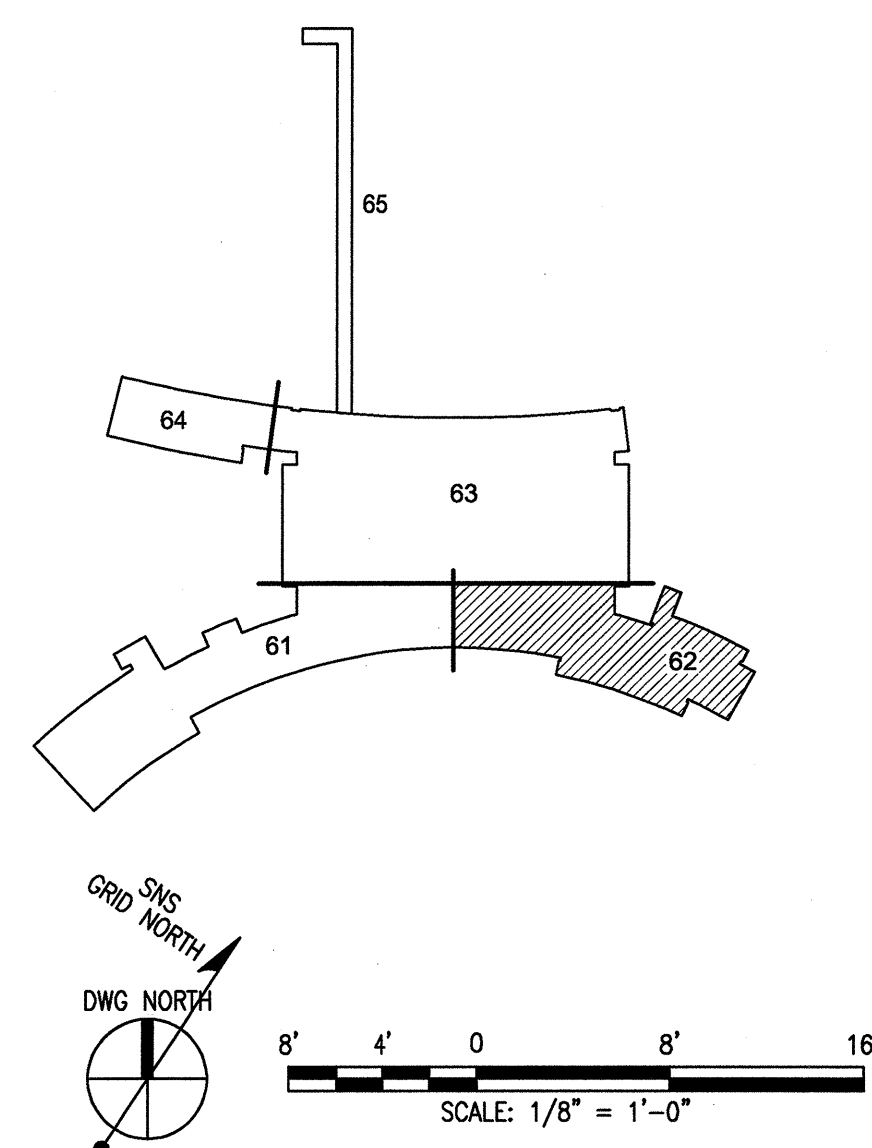
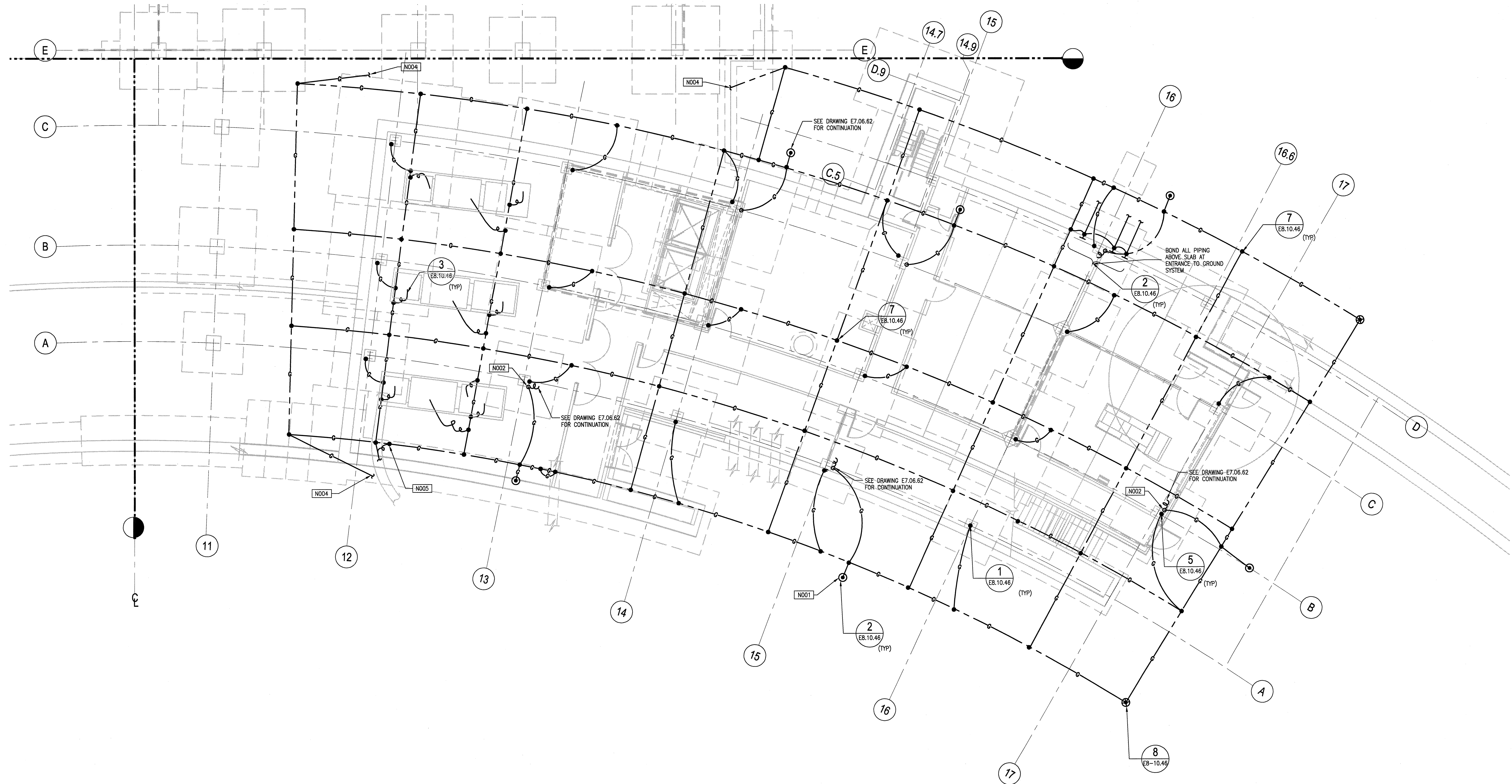


## GENERAL NOTES:

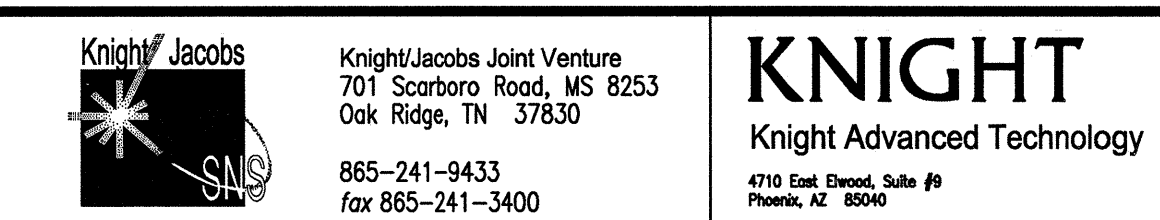
- GROUND WIRE DEPTH SHALL BE MINIMUM OF 30" BELOW FINISHED GRADE.
- REFER TO SHEET E8.10.46 FOR ADDITIONAL UNDERGROUND DETAILS AND INFORMATION.
- FIELD VERIFY THE EXACT ROUTING OF ALL GROUND WIRES AND COORDINATE WITH OTHER TRADES.

## KEYNOTES:

- ND001** TYPICAL DRIVEN GROUND ROD ALONG THE BUILDING PERIMETER FOR LIGHTNING PROTECTION SYSTEM.
- ND002** FOR CONNECTION TO LIGHTNING PROTECTION DOWN CONDUCTOR.
- ND003** TYPICAL GROUND TEST WELL.
- ND004** EXTEND GROUND WIRE TO B1 LEVEL GROUND LOOP AND CONNECT.
- ND005** CONNECT POWER DUCT BANK GROUND WIRE TO PERIMETER GROUND GRID.



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Oak Ridge National Laboratory  
managed for the DEPARTMENT OF ENERGY under  
U.S. GOVERNMENT contract DE-AC05-00OR22725  
UT-BATTELLE, LLC, Oak Ridge, Tennessee

PROJECT NAME:

SPALLATION NEUTRON SOURCE  
CENTRAL LAB AND OFFICE BUILDING  
GROUNDING PLAN  
LEVEL B2, SECTOR 62

REV	DATE	BY	CHK	DESCRIPTION	CLASS
1	12/15/01	AW	PD	PLANT	U
2	12/15/01	AW	PD	BLDG	U
3	12/15/01	AW	PD	FL	U
4	12/15/01	AW	PD	SH.	U
5	12/15/01	AW	PD	OF	U
6	12/15/01	AW	PD	TYPE	U
7	12/15/01	AW	PD	CLASS	U
8	12/15/01	AW	PD	REV	U
9	12/15/01	AW	PD	REV	U
10	12/15/01	AW	PD	REV	U
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99	12/15/01	AW	PD	REV	U
100	12/15/01	AW	PD	REV	U

SECTION AND DETAIL KEY

THIS DOCUMENT  
CONTROLLED BY

CHANGE CONTROL  
SYSTEM 4

ENGINEERING  
PROCEDURE SNS-ENG-0001

REV	DATE	BY	CHK	DESCRIPTION	CLASS
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2	12/15/01	AW	PD	BLDG	U
3	12/15/01	AW	PD	FL	U
4	12/15/01	AW	PD	SH.	U
5	12/15/01	AW	PD	OF	U
6	12/15/01	AW	PD	TYPE	U
7	12/15/01	AW	PD	CLASS	U
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REVISION APPROVALS

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